

Gary Ivan Stafford

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

1,908
citations

25
h-index

43
g-index

66
ext. papers

2,163
ext. citations

3.6
avg, IF

4.39
L-index

#	Paper	IF	Citations
51	Assessing African medicinal plants for efficacy and safety: pharmacological screening and toxicology. <i>Journal of Ethnopharmacology</i> , 2004 , 94, 205-17	5	229
50	Review on plants with CNS-effects used in traditional South African medicine against mental diseases. <i>Journal of Ethnopharmacology</i> , 2008 , 119, 513-37	5	147
49	Acetylcholinesterase enzyme inhibitory effects of amaryllidaceae alkaloids. <i>Planta Medica</i> , 2004 , 70, 260-2	3.1	104
48	Isolation of the MAO-inhibitor naringenin from <i>Mentha aquatica</i> L. <i>Journal of Ethnopharmacology</i> , 2008 , 117, 500-2	5	88
47	Can phylogeny predict chemical diversity and potential medicinal activity of plants? A case study of Amaryllidaceae. <i>BMC Evolutionary Biology</i> , 2012 , 12, 182	3	85
46	Assessing African medicinal plants for efficacy and safety: agricultural and storage practices. <i>Journal of Ethnopharmacology</i> , 2004 , 95, 113-21	5	77
45	Best practice in research: Consensus Statement on Ethnopharmacological Field Studies - ConSEFS. <i>Journal of Ethnopharmacology</i> , 2018 , 211, 329-339	5	77
44	Screening of plants used in southern Africa for epilepsy and convulsions in the GABAA-benzodiazepine receptor assay. <i>Journal of Ethnopharmacology</i> , 2004 , 93, 177-82	5	74
43	Effect of storage on the chemical composition and biological activity of several popular South African medicinal plants. <i>Journal of Ethnopharmacology</i> , 2005 , 97, 107-15	5	65
42	Biflavones from <i>Rhus</i> species with affinity for the GABA(A)/benzodiazepine receptor. <i>Journal of Ethnopharmacology</i> , 2006 , 103, 276-80	5	62
41	Monoamine oxidase inhibition by southern African traditional medicinal plants. <i>South African Journal of Botany</i> , 2007 , 73, 384-390	2.9	54
40	Activity of traditional South African sedative and potentially CNS-acting plants in the GABA-benzodiazepine receptor assay. <i>Journal of Ethnopharmacology</i> , 2005 , 100, 210-5	5	53
39	Ethnobotany, phytochemistry and pharmacology of <i>Podocarpus sensu latissimo</i> (s.l.). <i>South African Journal of Botany</i> , 2010 , 76, 1-24	2.9	52
38	Riding the wave: South Africa's contribution to ethnopharmacological research over the last 25 years. <i>Journal of Ethnopharmacology</i> , 2005 , 100, 127-30	5	45
37	Antimicrobial, anti-inflammatory and mutagenic investigation of the South African tree aloe (<i>Aloe barberae</i>). <i>Journal of Ethnopharmacology</i> , 2009 , 124, 404-8	5	44
36	Screening of indigenous plants from South Africa for affinity to the serotonin reuptake transport protein. <i>Journal of Ethnopharmacology</i> , 2004 , 94, 159-63	5	43
35	Acetylcholinesterase inhibitors from southern African plants: An overview of ethnobotanical, pharmacological potential and phytochemical research including and beyond Alzheimer's disease treatment. <i>South African Journal of Botany</i> , 2019 , 120, 39-64	2.9	43

34	Alkaloids from <i>Boophae disticha</i> with affinity to the serotonin transporter in rat brain. <i>Journal of Ethnopharmacology</i> , 2005 , 98, 367-70	5	41
33	In vitro pharmacological effects of manufactured herbal concoctions used in KwaZulu-Natal South Africa. <i>Journal of Ethnopharmacology</i> , 2009 , 122, 117-22	5	38
32	Commercial herbal preparations in KwaZulu-Natal, South Africa: The urban face of traditional medicine. <i>South African Journal of Botany</i> , 2011 , 77, 830-843	2.9	37
31	Effects of South African traditional medicine in animal models for depression. <i>Journal of Ethnopharmacology</i> , 2008 , 119, 542-8	5	37
30	Alkaloids from <i>Boophae disticha</i> with affinity to the serotonin transporter. <i>South African Journal of Botany</i> , 2009 , 75, 371-374	2.9	34
29	Amides from <i>Piper capense</i> with CNS activity - a preliminary SAR analysis. <i>Molecules</i> , 2009 , 14, 3833-43	4.8	33
28	Quantitative structure-activity relationship studies on acetylcholinesterase enzyme inhibitory effects of Amaryllidaceae alkaloids. <i>South African Journal of Botany</i> , 2006 , 72, 224-231	2.9	30
27	Phylogenetic selection of target species in Amaryllidaceae tribe Haemantheae for acetylcholinesterase inhibition and affinity to the serotonin reuptake transport protein. <i>South African Journal of Botany</i> , 2011 , 77, 175-183	2.9	26
26	Compounds from <i>Mentha aquatica</i> with affinity to the GABA-benzodiazepine receptor. <i>South African Journal of Botany</i> , 2007 , 73, 518-521	2.9	25
25	Inhibition of [³ H]citalopram binding to the rat brain serotonin transporter by Amaryllidaceae alkaloids. <i>Planta Medica</i> , 2006 , 72, 470-3	3.1	25
24	Antiinflammatory and neurological activity of pyrithione and related sulfur-containing pyridine N-oxides from Persian shallot (<i>Allium stipitatum</i>). <i>Journal of Ethnopharmacology</i> , 2014 , 154, 176-82	5	23
23	The polyacetylene falcarindiol with COX-1 activity isolated from <i>Aegopodium podagraria</i> L. <i>Journal of Ethnopharmacology</i> , 2007 , 113, 176-8	5	23
22	Heterostyly and pollinators in <i>Plumbago auriculata</i> (Plumbaginaceae). <i>South African Journal of Botany</i> , 2009 , 75, 778-784	2.9	22
21	In vitro cytotoxic and mutagenic evaluation of thirteen commercial herbal mixtures sold in KwaZulu-Natal, South Africa. <i>South African Journal of Botany</i> , 2010 , 76, 132-138	2.9	21
20	Antimicrobial activity of South African <i>Podocarpus</i> species. <i>Journal of Ethnopharmacology</i> , 2008 , 119, 191-4	5	18
19	The effect of extracts of <i>Searsia</i> species on epileptiform activity in slices of the mouse cerebral cortex. <i>Journal of Ethnopharmacology</i> , 2008 , 119, 538-41	5	18
18	Serotonin transporter affinity of (±)holiolide, a monoterpene lactone from <i>Mondia whitei</i> . <i>South African Journal of Botany</i> , 2010 , 76, 593-596	2.9	16
17	Acetylcholinesterase inhibitory activity of plants used as memory- enhancers in traditional South African medicine. <i>South African Journal of Botany</i> , 2004 , 70, 664-666	2.9	15

16	Reverse ethnopharmacology and drug discovery. <i>Journal of Ethnopharmacology</i> , 2017 , 198, 417-431	5	12
15	Isolation of captan from <i>Cyrtanthus suaveolens</i> : the effect of pesticides on the quality and safety of traditional medicine. <i>South African Journal of Botany</i> , 2004 , 70, 512-514	2.9	11
14	South African plants used in traditional medicine to treat epilepsy have an antagonistic effect on NMDA receptor currents. <i>Journal of Ethnopharmacology</i> , 2011 , 137, 382-8	5	9
13	Serotonin transporter protein (SERT) and P-glycoprotein (P-gp) binding activity of montanine and coccinine from three species of <i>Haemanthus</i> L. (Amaryllidaceae). <i>South African Journal of Botany</i> , 2013 , 88, 101-106	2.9	8
12	Quality assessment of <i>Tulbaghia</i> rhizomes. <i>South African Journal of Botany</i> , 2012 , 82, 92-98	2.9	8
11	Itoside A and 4-hydroxytremulacin from <i>Dovyalis caffra</i> and <i>Dovyalis zeyheri</i> . <i>Biochemical Systematics and Ecology</i> , 2010 , 38, 346-348	1.4	5
10	COX-1 inhibition of <i>Heteromorpha arborescens</i> . <i>South African Journal of Botany</i> , 2008 , 74, 335-337	2.9	5
9	The first phylogenetic hypothesis for the southern African endemic genus <i>Tulbaghia</i> (Amaryllidaceae, Alliioideae) based on plastid and nuclear DNA sequences. <i>Botanical Journal of the Linnean Society</i> , 2016 , 181, 156-170	2.2	4
8	African Psychoactive Plants. <i>ACS Symposium Series</i> , 2010 , 323-346	0.4	4
7	Anticonvulsant effects of <i>Searsia dentata</i> (Anacardiaceae) leaf extract in rats. <i>Phytotherapy Research</i> , 2010 , 24, 924-7	6.7	4
6	Phytosynergy in some <i>Hypoxis</i> species and pharmacological properties of a <i>Hypoxis</i> -based phytopharmaceutical formula. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 492-500	5	3
5	Alkaloids from <i>Boophone disticha</i> with affinity for the serotonin transporter. <i>Planta Medica</i> , 2008 , 74,	3.1	3
4	Pharmacological Studies on <i>Xysmalobium undulatum</i> and <i>Mondia whitei</i> – Two South African plants with in vitro SSRI activity. <i>Planta Medica</i> , 2006 , 72,	3.1	3
3	<i>Searsia</i> species with affinity to the N-methyl-d-aspartic acid (NMDA) receptor. <i>South African Journal of Botany</i> , 2012 , 78, 312-314	2.9	2
2	South Africa's Botanical gold mine – threats and prospects. <i>Transactions of the Royal Society of South Africa</i> , 2008 , 63, 85-90	1	1
1	Mass Spectrometry Metabolomics and Feature-Based Molecular Networking Reveals Population-Specific Chemistry in Some Species of the Genus.. <i>Frontiers in Nutrition</i> , 2022 , 9, 819753	6.2	